

**IN THE UNITED STATES PATENT  
AND TRADEMARK OFFICE**



Appl. No. : 10/629,108  
Applicants : Kazuo KOYAMA et al.  
Filed : July 28, 2003  
For : BENZYLAMINE ANALOGUES  
Art Unit : 1626  
Examiner : Dr. Taofiq A. SOLOLA  
Docket No. : 03338CIP/HG  
Customer No.: 01933  
Confirm. No.: 6344

Express Mail Mailing Label  
No.: EV 720 478 831 US  
Date of Deposit: September 16, 2005  
I hereby certify that this paper is  
being deposited with the United  
States Postal Service "Express Mail  
Post Office to Addressee" service  
under 37 CFR 1.10 on the date  
indicated above and is addressed to:  
MAIL STOP RCE  
Commissioner for Patents,  
P.O. Box 1450  
Alexandria, VA 22313

  
Dorothy DeFrancesco

In the event that this Paper is late  
filed, and the necessary petition for  
extension of time is not filed  
concurrently herewith, please  
consider this as a Petition for the  
requisite extension of time, and to  
the extent not tendered by check  
attached hereto, authorization to  
charge the extension fee, or any  
other fee required in connection with  
this Paper to Account No. 06-1378.

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313

**MAIL STOP RCE**

S I R :

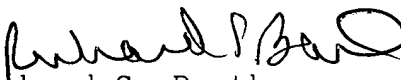
Submitted concomitantly herewith are the following:

- (1) Copies of the publications found during Searches  
(Search 1, Search 2 CAS Registry and Search 2 MARPAT)  
carried out by the applicants; and
- (2) Forms PTO/SB/08A and PTO/SB/08B.

Copies of the aforesaid Search 1, Search 2 CAS Registry and Search 2 MARPAT are discussed and appended to the RESPONSE UNDER 37 CFR 1.116 filed concomitantly herewith.

It is respectfully requested that the Examiner return copies of the enclosed Forms PTO/SB/08A and PTO/SB/08B with the Examiner's initials in the left column next to each cited publication to indicate that the cited publications were considered and made of record.

Respectfully submitted,

  
Richard S. Barth  
Reg. No. 28,180

Frishauf, Holtz, Goodman & Chick, P.C.  
220 Fifth Avenue - 16th Floor  
New York, New York 10001-7708  
Tel. No. (212) 319-4900  
Fax No. (212) 319-5101  
E-mail Address: BARTH@FHGC-LAW.COM  
RSB/ddf

Encs.: Forms PTO/SB/08A and PTO/SB/08B and copies of the publications cited thereon, except for the U.S. patents and U.S. published application

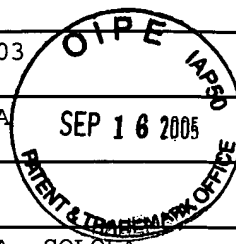
Please type a plus sign (+) inside this box →



PTO/SB/08A (08-00)

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for Form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				Application Number	10/629,108
				Filed	July 28, 2003
				First Named Inventor	Kazuo KOYAMA
				Group Art Unit	1626
				Examiner Name	Dr. Taofiq A. SOLOLA
Sheet	1	of	4	Attorney Docket Number	03338CIP/HG



### U.S. PATENT DOCUMENTS

Exam. Inits <sup>*</sup>	Cite No <sup>1</sup>	Document Number	Kind Code <sup>2</sup>	Name of Patentee or Applicant	Publication Date MM-DD-YYYY	Relevant Portion
		6,313,326	B1	STROHRIEGL et al.	11-06-2001	
		6,355,799	B1	GUPTA et al.	03-12-2002	
		5,681,940	A	WANG et al.	10-28-1997	
		5,712,378	A	WANG	01-27-1998	
		4,851,537		NOYORI et al.	07-25-1989	
		3,647,799		WATANABE et al.	03-07-1972	
		3,217,007		BROSSI et al.	11-09-1965	

### FOREIGN PATENT DOCUMENTS

Exam Inits <sup>*</sup>	Cite No <sup>1</sup>	Offc <sup>3</sup>	Document Number <sup>4</sup>	Kind Code <sup>5</sup>	Name of Patentee or Applicant	Publication Date MM-DD-YYYY	Relevant Portion	T <sup>6</sup>
		WO	94/12461	A1	PFIZER INC.	06-09-1994		
		WO	89/04305	A1	RORER INT'L.	05-18-1989		
		WO	89-08170	A1	AMERICAN HOME PRODUCTS CORP.	04-29-1993		
		WO	02/090361	A1	L. MOLteni EC DEI FRATELLI ALITTI	11-14-2002		
		WO	01/32624	A1	DU PONT PHARMACEUTICALS	05-10-2001		
		WO	93/17994	A1	ZENECA LIMITED	09-16-1993		
		WO	96/26196	A2	SCHERING CORP.	08-29-1996		
		WO	96/33997	A1	BRITISH BIOTECH PHARMACEUTICALS	10-31-1996		

Examiner Signature	Date Considered
--------------------	-----------------

\* EXAMINER: Initial if document considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Place a check here if English translation is attached.

**DATE MAILED: SEPTEMBER 16, 2005**

Please type a plus sign (+) inside this box →

+

PTO/SB/08A (08-00)

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

<b>Substitute for Form 1449A/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				Application Number	10/629,108
				Filed	July 28, 2003
				First Named Inventor	Kazuo KOYAMA
				Group Art Unit	1626
				Examiner Name	Dr. Taofiq A. SOLOLA
Sheet	2	of	4	Attorney Docket Number	03338CIP/HG

**U.S. PATENT DOCUMENTS**

Exam. Inits <sup>*</sup>	Cite No <sup>1</sup>	Document Number	Kind Code <sup>2</sup>	Name of Patentee or Applicant	Publication Date MM-DD-YYYY	Relevant Portion
		4,292,320		KISHIMOTO et al.	09-29-1981	
		3,557,122		SHAVEL, JR. et al.	01-19-1971	
		2004/0006235	A1	PAULUTH et al.	01-08-2004	

**FOREIGN PATENT DOCUMENTS**

Exam Inits <sup>*</sup>	Cite No <sup>1</sup>	Offc <sup>3</sup>	Document Number <sup>4</sup>	Kind Code <sup>5</sup>	Name of Patentee or Applicant	Publication Date MM-DD-YYYY	Relevant Portion	T <sup>6</sup>
		WO	98/27972	A2	TEXAS A & M UNIV.	07-02-1998		
		WO	99/21837	A1	ISK AMERICAS INC.	05-06-1999		
		WO	98/26127	A1	CONSORTIUM FÜR ELEKTROCHEMISCHE INDUSTRIES GMBH	06-18-1998		
		EP	1 253 142	A1	SHIONOGI & CO. LTD	10-30-2002		
		GB	1 487 457		TANABE SEIYAKU CO.	09-28-1997		
		JP	43-18547			08-09-1943		
		JP	8-41008	A	ONO PHARMACEUT. CO. LTD.	02-13-1996		*
		JP	52-102281			08-27-1977		
		JP	51-86478			07-29-1976		

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

\* EXAMINER: Initial if document considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Place a check here if English translation is attached.

**DATE MAILED: SEPTEMBER 16, 2005****\*ENGLISH-LANGUAGE ABSTRACT ENCLOSED**

Please type a plus sign (+) inside this box →



PTO/SB/08A (08-00)

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for Form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				Application Number	10/629,108
				Filed	July 28, 2003
				First Named Inventor	Kazuo KOYAMA
				Group Art Unit	1626
				Examiner Name	Dr. Taofiq A. SOLOLA
Sheet	3	of	4	Attorney Docket Number	03338CIP/HG

### U.S. PATENT DOCUMENTS

Exam. Inits <sup>*</sup>	Cite No <sup>1</sup>	Document Number	Kind Code <sup>2</sup>	Name of Patentee or Applicant	Publication Date MM-DD-YYYY	Relevant Portion

### FOREIGN PATENT DOCUMENTS

Exam Inits <sup>*</sup>	Cit e No <sup>1</sup>	Offc <sup>3</sup>	Document Number <sup>4</sup>	Kind Code <sup>5</sup>	Name of Patentee or Applicant	Publication Date MM-DD-YYYY	Relevant Portion	T <sup>6</sup>
		CN	990725	A	FUJISAWA PHARM CO	06-08-1976		
		JP	51-70774			06-18-1976		
		JP	51-70772			06-18-1976		
		JP	51-48677			04-26-1976		
		JP	47-14108			08-04-1972		

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

\* EXAMINER: Initial if document considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Place a check here if English translation is attached.

DATE MAILED: SEPTEMBER 1, 2005

Please type a plus sign (+) inside this box →



PTO/SB/08B (08-00)

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for Form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				Application Number	10/629,108
				Filing Date	July 28, 2003
				First Named Inventor	Kazuo KOYAMA
				Group Art Unit	1626
				Examiner Name	Dr. Taofiq A. SOLOLA
Sheet	4	of	4	Attorney Docket Number	03338CIP/HG
<b>OTHER DOCUMENTS - NON-PATENT LITERATURE DOCUMENTS</b>					
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Include name of author (in CAPITAL LETTERS), title of article, title of item, date, page(s), volume-issue number(s), publisher, city and/or country where published			T <sup>2</sup>
		Minezo OTSUKA et al., "The Whole Body Autoradiographic Studies on the Distribution of Radioisotopes. XXVIII," Feb. 1972, pp. 102 to 109.  Adeboye ADEJARE et al., "Syntheses and $\beta$ -Adrenergic Agonist and Antiaggregatory Properties of N-Substituted Trimetoquinol Analogues," <u>J. Med. Chem.</u> , <u>29</u> , pp. 1603 to 1609, (1986).  Juko SUGIHARA et al., "Studies on Intestinal Lymphatic Absorption of Drugs. I. Lymphatic Absorption of Alkyl Ester Derivatives and $\alpha$ -Monoglyceride Derivatives of Drugs," <u>Journal of Pharmacobiodynamics</u> , <u>11</u> , pp. 369 to 376, (1988).  Koichiro YAMADA et al., "Studies on 1,2,3,4-Tetrahydroisoquinoline Derivatives. I. Syntheses and $\beta$ -Adrenoceptor Activities of Positional Isomers of Trimetoquinol with Respect to Its 6,7-Dihydroxyl Groups," <u>Chem. Pharm. Bull.</u> , <u>29</u> (3), pp. 744 to 753, (1981).			
Examiner Signature				Date Considered	

\* EXAMINER: Initial if document considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> Place a check here if English translation is attached.

DATE MAILED: SEPTEMBER 16, 2005